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(71) Applicant (for all designated States except US): THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): RAHME, Lawrence [GR/US]; 184 Winchester Street, Brookline, MA 02446 (US). DEZIEL, Eric [CA/US]; 124 Summer Street, Apt.6, Sommerville, MA 02143 (US). LEPINE, François [CA/CA]; 3519 Rue Rouviere, Longueuil, Quebec J4L 4J9 (CA). TOMPKINS, Ronald, G. [US/US]; 2 Hawthorne Place, Boston, MA 02114 (US). XIAO, Gaoping [CN/US]; 26 Clarendon Street, #2L, Malden, MA 02148 (US).

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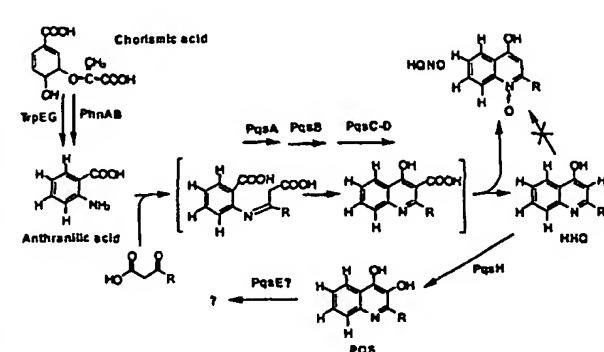
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(54) Title: METHODS FOR IDENTIFYING CANDIDATE COMPOUNDS FOR TREATING, REDUCING, OR PREVENTING PATHOGENIC INFECTIONS



(57) Abstract: Disclosed are methods for identifying candidate compounds for treating, reducing, or preventing a pathogenic infection, the methods including: (a) contacting a pathogenic cell with a candidate compound; and (b) measuring the production of a molecule selected from the group consisting of an 4-hydroxy-2-alkylquinoline (HAQ) molecule, 4-hydroxy-2-heptylquinoline (HHQ) molecule, or a derivative or precursor thereof in the cell, a candidate compound that reduces the production relative to production of the molecule by a cell not contacted with the candidate compound, identifying a candidate compound useful for treating, reducing, or preventing a pathogenic infection.

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